

Form PTO-1390 (Rev. 01-2003)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER HEIN-067
		TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371	U.S. APPLICATION NO. 10/552,616 (unofficial)
INTERNATIONAL APPLICATION NO. PCT/F12004/000211	INTERNATIONAL FILING DATE April 7, 2004	PRIORITY DATE CLAIMED April 10, 2003	
TITLE OF INVENTION METHOD FOR REDUCING KINETIC FRICTION		DATE January 24, 2006	
APPLICANT(S) FOR DO/EO/US Esko PULKKA			
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> 1. <input type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31). 5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <p>(* pages and * sheets of drawings (Fig(s). *-*).</p> <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <p>Items 11 to 20 below concern document(s) or information included:</p> <ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A FIRST preliminary amendment. 14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A change of power of attorney and/or address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: <ol style="list-style-type: none"> a. PCT/IB/338 b. PCT/IPEA/409 (English Translation) 			

U.S. Application No. 10/552,616 (unofficial)		International Application No. PCT/FI2004/000211		Attorney's Docket No. HEIN-067													
				CALCULATIONS	PTO USE ONLY												
<p>The following fees are submitted:</p> <table> <tr> <td>21. [] Basic National Stage Fee</td> <td>\$300.00</td> </tr> <tr> <td>22. [] Examination fee If international preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)</td> <td>\$100.00</td> </tr> <tr> <td>All other situations</td> <td>\$200.00</td> </tr> <tr> <td>23. [] Search Fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority</td> <td>\$100.00</td> </tr> <tr> <td>International Search Report prepared and provided to the Office</td> <td>\$400.00</td> </tr> <tr> <td>All other situations</td> <td>\$500.00</td> </tr> </table>						21. [] Basic National Stage Fee	\$300.00	22. [] Examination fee If international preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)	\$100.00	All other situations	\$200.00	23. [] Search Fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority	\$100.00	International Search Report prepared and provided to the Office	\$400.00	All other situations	\$500.00
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International Search Report prepared and provided to the Office	\$400.00																
All other situations	\$500.00																
TOTAL OF 21, 22 AND 23 = \$ 0.00																	
<p>Surcharge of \$130.00 for furnishing the oath or declaration later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</p>																	
<p>National Stage Application Size Fee - If the specification and drawings exceed 100 sheets, the application size fee due is \$250.00 for each additional 50 sheets or fraction thereof.</p>																	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE														
Total claims	- 20		x \$ 50.00	\$ 0.00													
Indep. claims	- 3		x \$ 200.00	\$ 0.00													
Multiple dependent claim(s) (if applicable)			+ \$ 360.00	\$ 0.00													
TOTAL OF ABOVE CALCULATIONS = \$ 0.00																	
<p>Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.</p>																	
SUB TOTAL = \$ 0.00																	
<p>Processing fee \$130.00 for furnishing the English translation later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</p>																	
TOTAL NATIONAL FEE = \$ 0.00																	
<p>Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + \$ 0.00</p>																	
TOTAL FEES ENCLOSED = \$ 0.00																	
<table> <tr> <td>Amount to be refunded:</td> <td>\$</td> </tr> <tr> <td>charged</td> <td>\$</td> </tr> </table>						Amount to be refunded:	\$	charged	\$								
Amount to be refunded:	\$																
charged	\$																
<p>a. [] Payment in the amount of <u>\$*.00</u> is authorized by credit card (PTO-2038). b. [] Check in the amount of <u>\$*.00</u> to cover the above fees is enclosed. c. [] Please charge my Deposit Account No. <u>111833</u> in the amount of <u>\$ </u> to cover the above fees. d. [XX] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>111833</u>.</p>																	
<p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to review (37 CFR 1.137(a) or (b) must be filed and granted to restore the application to pending status.</p>																	
 Signature _____ Keiko Tanaka Kubovcik _____ Name _____ 40,428 _____ Registration Number _____ January 24, 2006 _____ Date _____																	

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop PCT

In re the application of:

Esko PULKKA

International Application No. PCT/FI2004/000211

I.A. Filing Date: April 7, 2004

U.S. Serial Number: 10/552,616 (unofficial)

Atty. Dkt. Number: HEIN-067

Customer No.: 20374

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §1.97(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

January 24, 2006

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each document is attached.

No fee or statement is required in connection with this Information Disclosure Statement, since it is being submitted prior to the last of (1) issuance of a first official action on the merits and (2) expiration of the three month period following filing of the above-captioned application.

Documents UA to UQ, FA and FD are in the English language.

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Therefore, no concise explanation of the relevance of the documents under 37 C.F.R. §1.98 is believed to be required.

Documents FB and FC are not in the English language. However, the concise explanation of the relevance of the documents required under 37 C.F.R. §1.98 is believed to be satisfied by the submission of English language abstracts thereof.

Documents UA to UI and FA have been cited in the International Search Report of the present application. A copy of the search report was submitted to the Office on October 6, 2005. The relevance of each document is also discussed in the International Search report. Please note an Examiner's obligation to consider documents cited in an International Search Report according to the provisions of MPEP §1893.03(g).

Document UJ has been cited in the Written Opinion of the International Searching Authority of the present application. A copy of the written opinion was submitted to the Office on October 6, 2005.

Documents UF and UK to UM are described in the paragraph beginning on page 1, line 27 of the specification of the present application.

Documents UN to UP and FB to FD have been cited in an office action in the Finnish priority application of the present

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PATENT

application. A copy of the action and English translation thereof are attached hereto.

The Commissioner is authorized to charge our Deposit Account No. 111833 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

KUBOVCIK & KUBOVCIK



Keiko Tanaka Kubovcik
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Attachments: PTO-1449

Twenty-one Documents
Finnish Office Action and English Translation

INFORMATION DISCLOSURE STATEMENT PTO-1449		Atty. Docket No. HEIN-067	Serial No. 10/552,616 (unofficial)
		Applicant: Esko PULKKA	
		Filing Date: October 6, 2005	Group: Unknown

U.S. PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If appropriate
	UA	3,578,264	05/11/71	Kuethe	244	41	
	UB	3,776,363	12/04/73	Kuethe	181	33 C	
	UC	4,284,302	08/18/81	Drews	296	1 S	
	UD	4,564,959	01/21/86	Zahn	2	411	
	UE	5,200,573 A	04/06/93	Blood	102	501	
	UF	5,289,997 A	03/01/94	Harris	244	130	
	UG	5,836,840 A	11/17/98	Bustamante et al.	473	588	
	UH	6,131,853 A	10/17/00	Bauer et al.	244	113	
	UI	6,276,636 B1	08/21/01	Krastel	244	130	
	UJ	6,729,846 B1	05/04/04	Wobben	416	241 A	
	UK	4,973,048	11/27/90	Nemeth	272	106	
	UL	284,302	09/04/1883	Horn			
	UM	1,864,803	06/28/32	Clark			
	UN	5,722,340 A	03/03/98	Sweetman	114	243	
	UO	6,193,191 B1	02/27/01	Falcimaigne et al.	244	130	
	UP	4,059,129	11/22/77	Feis	138	37	
	UQ	2,366,162	01/02/45	Vang	114	67	

FOREIGN PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Country	Translation Yes/No/Partial
	FA	0 354 022 A2	02/07/90	EP	
	FB	688 868 A5	04/30/98	CH	Abstract
	FC	37 10691 A1	10/13/88	DE	Abstract
	FD	94/02744 A1	02/03/94	WO	

Examiner:	Date Considered:
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